

CARB Presentation, April 4, 2002:

2001 Survey Stakeholder Workgroup Meeting

Welcome
2001 Survey Workgroup

Introductions

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2001 Consumer & Commercial Products Survey Workgroup Meeting

Stationary Source Division,
Air Quality Measures Branch

April 4, 2002

California Environmental Protection Agency
Air Resources Board

2001 Survey Stakeholder Workgroup Meeting



Participants Include:

- Industry Representatives
- Concerned Citizens
- Environmental Organizations
- Government Agencies

Finding solutions that reduce emissions from consumer products.

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Meeting Overview

- **Presentation:**
 - Background of Consumer Product Program
 - Regulatory Concepts & Connections
 - Survey Rationale, Purpose & Goals
 - Timeframe
 - Survey Format & Contents
- **Discussion of Content & Categories**
- **Planning Future Workgroup Activities**

We will break for lunch around noon.

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Organizational Chart
2001 Survey


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graph TD
    PeterVenturini["Peter Venturini  
Chief  
Stationary Source Division"] --> DonAmes["Don Ames  
Assistant Chief  
Stationary Source Division"]
    DonAmes --> JanetteBrooks["Janette Brooks  
Chief  
Air Quality Measures Branch"]
    JanetteBrooks --> DavidMallory["David Mallory  
Measures Development Section  
Manager"]
    JanetteBrooks --> SteveGiorgi["Steve Giorgi  
Implementation Section  
Manager"]
    JanetteBrooks --> CarlaTakemoto["Carla Takemoto  
Technical Evaluation Section  
Manager"]
    DavidMallory --> MichelleByars["Michelle Byars  
Survey Lead"]
    DavidMallory --> AmyLivingston["Amy Livingston  
Survey Lead"]
  
```

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Consumer Products Program

- **Program Goal:** reduce Volatile Organic Compound emissions from Consumer Products used in households and institutions.
- **California Clean Air Act Requirement :** assure that new regulations are commercially and technologically feasible and that no product form is eliminated.



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Regulatory Activities



- **Formal:** actual rulemaking process; always begins with the release of the "45-Day Hearing Notice"
- **Informal:** includes ongoing activities and activities that may or may not lead to a formal rulemaking process. (Includes 2001 Survey)

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The Survey & The Draft CAP

- **CONS2**
 - 2001 Survey and subsequent regulatory activity

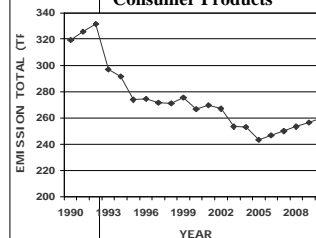
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Survey Purpose & Goals

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Survey Rationale

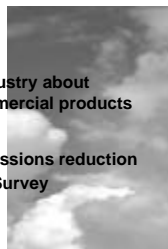
VOC Emission Trend for Consumer Products



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2001 Consumer & Commercial Products Survey

- **Purpose:**
 - Gather information from industry about specific consumer and commercial products
- **Goals:**
 - 5 tons per day *minimum* emissions reduction
 - Meet the needs of the 2003 Survey



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Timeframe

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Proposed Schedule

- **Part 1, the Survey**

- Workgroup Meeting April 4, 2002
 - Comments Due (Categories & Concepts) April 12, 2002
- Draft Survey Posted April 26, 2002
- Next Workgroup Meeting early May
 - Comments Due (on Draft Survey) mid May
- Survey Mailed to Industry May-June 2002
- Survey Due to ARB Aug-Sept. 2002
- Preliminary Data Summary Mar.-Apr. 2003

Note: Dates are tentative.

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Proposed Schedule, cont.

- **Part 2, the Regulation**

- Regulatory Workshops Summer, 2003
- 45 day Comment Period October, 2003
- Presentation to the Board December, 2003
- Standards Effective December, 2006

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Survey Content

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Survey Design

- **Surveys Compared**

- Content is similar to 1997 Consumer & Commercial Products Survey
- Incorporates format ideas from the 2001 Architectural Coatings Survey
- Data being gathered will be the same in the 2003 Survey

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Survey Content

- **Major Components**

1. Company Information
2. General Product Information
3. Specific Ingredient Information

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Survey Content, cont.

1. **Company information**

- company name and contact person
- type of business
- number of employees
- gross annual receipts

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Survey Content, cont.

2. General Product Information

- full product name
- product form
- California sales figures
- product labels *(new for 2001 Survey)*

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Survey Content, cont.

3. Ingredient Information - *a new approach*

- name, CAS #, Wt %, and bin numbers (where applicable) of **all** ingredients that are at least 0.1% of the product by weight.
- full speciation is necessary to determine if future mass-based or reactivity-based standards are feasible

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Reactivity Background

- **Reactivity**
 - the measure of a VOC's potential to react in the atmosphere and lead to the formation of ozone
- **Flexible Approach**
 - ARB has a long history of researching possibility of reactivity-based standards
 - a way to target reductions of more reactive compounds
- **Applied**
 - ARB will use the MIR Scale (Maximum Incremental Reactivity)
 - Reactivity approach may not be appropriate for all categories

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Questions?

- **Concepts**

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Discussion of Survey Categories

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For Discussion: Proposed Survey Categories

- | | |
|----------------------------------|--------------------------------------|
| • Adhesive Remover | • Multi-purpose Solvent |
| • Body Wipes | • Personal Hygiene Spray or Foam |
| • Contact Adhesive | • Shaving Gel |
| • Electronic Cleaner | • Shoe Care Product |
| • Fabric or Leather Waterproofer | • Solid Room Air Freshener |
| • Foaming Personal Product | • Solvent Parts Cleaner: non-aerosol |
| • Graffiti Remover | • Wood Cleaner |
| • Insect Repellent: non-aerosol | • Fabric Care |
| • Jewelry Cleaner | • Hair Care |
| • Leather Care Product | • Nail Care |

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Closing

Contact Name	Telephone Number	Contact Name	Telephone Number
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<http://www.arb.ca.gov/consprod/regact/2001surv/2001surv.htm>